Central Indiana
June 2017
Climate Summary

Tied for 70th warmest on record at Indianapolis

20th Wettest on record at Indianapolis

Temperatures

June started out with variable temperatures during the first third of the month. Temperatures varied from the lower 70s to around 90 during this period.

However, cooler temperatures were a thing of the past by the middle third of the month. High pressure over the southeast USA pumped warm and humid air into central Indiana. Temperatures were above average for much of the period, with highs reaching the lower to middle 90s at times. Indianapolis recorded its first 90 degree day of the year on the 12th, with another 90 degree day just a couple of days later. Heat indices near 100 degrees were observed at some locations thanks to the humid air.

A change in the upper flow allowed cool Canadian air to dominate for a good portion of the last third of the month. Temperatures were around 10 to 15 degrees below normal for a few days around the 26th of the month. Some areas, such as Lafayette, had low temperatures in the 40s. Indianapolis' low of 51 on the 27th was just 3 degrees above the record low for the date.

The end of the month saw a return to more seasonable conditions with highs in the middle to upper 80s and more humidity.

Site	June 2017 Avg Temp	June 2017 Difference from Normal	Highest Temperature	Lowest Temperature
Indianapolis	72.1	**+0.1**	90 on 12 and 14	51 on 1 and 27
Lafayette	70.7	**-0.8**	92 on 12 and 13	45 on 1
Muncie	73.0	**+1.6**	93 on 12	49 on 8
Terre Haute	72.7	**+0.3**	94 on 12 and 14	48 on 27
Bloomington	71.9	**+0.5**	93 on 12	48 on 8
Shelbyville	72.9	**+1.4**	93 on 12	50 on 1
Indy – Eagle Crk.	72.4	**+0.1**	91 on 12	50 on 1

At Indianapolis, there were 17 days with above normal average temperatures, 12 days with below normal average temperatures and 1 day with normal average temperatures.

June 2017 was tied for the 70th warmest in the Indianapolis area since 1871.

Precipitation

June monthly totals ranged from near 2 inches in portions of northern and southwest Indiana to more than 14 inches in Benton County in northwest Indiana. Many areas received 3 to 6 inches for the month. Much of June's rainfall was concentrated in the 11-day period from the 13th-23rd, although some areas received additional heavy rain on the 30th.

The dry period during the last week of May continued in much of Indiana through June 12th. By the 13th, nearly one-third of the state was abnormally dry. Relief came quickly to most areas as much of the state received one-half to over two inches of rain from the 13th-15th. Rainfall covered nearly the entire state on the 14th and ended a nearly three week dry spell in the Vincennes area of southwest Indiana.

The second significant rain event of June occurred on the 23rd. The combination of a cold front and the moisture from a tropical storm dumped heavy rains of 2 to more than 5 inches in portions of north central, east central and southeast Indiana.

After nearly 6 days of generally dry weather, rainfall of one-half to over 4 inches fell mainly near and north of I-70 in central and northern Indiana on the last day of June. The total of 2.15" at Indianapolis on the 30th set a new record rainfall amount for the date.

Brief river flooding returned to portions of the Wabash, East Fork White, White and Muscatatuck River during the month following the heavy rains. Flooding lasted from 1 to 4 days. Most flooding ended by the 30th.

Site	June 2017 Precipitation	June 2017 Difference from Normal	Wettest Day	Longest Dry Stretch
Indianapolis	6.53	**+2.28**	2.15 on 30	7 days 6-12
Lafayette	6.31	**+2.21**	1.58 on 23	8 days 5-12
Muncie	9.16	**+4.50**	3.67 on 23	7 days 6-12
Terre Haute	5.88	**+1.44**	2.50 on 30	7 days 6-12
Bloomington	3.49	**-1.40**	1.11 on 15	7 days 6-12
Shelbyville	6.09	**+1.69**	1.44 on 14	7 days 6-12
Indy – Eagle Crk.	4.35	**-0.04**	1.88 on 23	12 days 1-12

June 2017 was the 20th wettest in the Indianapolis area since weather records began in 1871.

Severe Weather

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June was pretty quiet in terms of severe weather. There were a few rounds of strong thunderstorms, but only a few severe storms occurred during the month. On the 13th isolated severe storms damaged a barn and brought trees down in Johnson County, and one inch hail was reported in Boone County. On the 16th, storms brought down tree limbs in Fountain County.

For information on severe weather in other areas during June, visit the Storm Prediction Center "Severe Weather Event Summaries" website at **http://www.spc.noaa.gov/climo/online/**.

Miscellaneous

The maximum wind gust at Indianapolis International Airport was 45 mph out of the southwest on the 14th. Fog or haze was reported at Indianapolis on 8 days during the month. Thunder was reported on 8 days during the month.

July 2017 Outlook

The official outlook for June 2017 from the Climate Prediction Center indicates equal chances for above normal, normal, or below normal temperatures for central Indiana.

At Indianapolis, the average temperature for the month is 75.4 degrees. The outlook also calls for equal chances for above normal, normal, or below normal precipitation across northern sections of central Indiana and for a better chance for above normal precipitation across southern sections. The average precipitation for July at Indianapolis is 4.55".

Data prepared by the Indianapolis Forecast Office.